Philips
LCD monitor, LED backlight with PowerSensor

S-line
27" / 68.6cm
Full HD display

271S4LPYEB

Sustainable eco design display

with PowerSensor saves energy bills

The Philips PowerSensor LED display using 25% recycled materials and PVC, BFR free housing is ideal for eco-friendly productivity

Sustainable Eco-design
- PowerSensor saves up to 80% energy costs
- 25% recycled material with EPEAT Gold
- PVC-BFR free housing

Great performance
- LED technology ensures natural colors
- DisplayPort delivers high bandwidth for ultra fine images
- SmartContrast gives enhanced rich black details

Designed for people
- SmartErgoBase enables people-friendly ergonomic adjustments
- Low bezel-to-table height for maximum reading comfort

Easy to experience
- SmartImage presets for easy optimized image settings
- SmartControl for easy performance tuning

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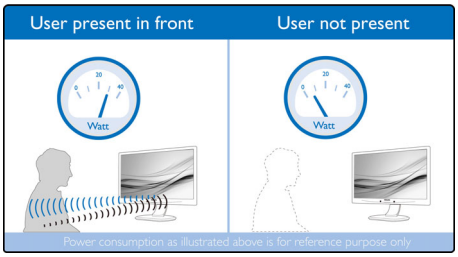
Highlights

PowerSensor



PowerSensor is a built-in 'people sensor' that transmits and receives harmless infrared signals to determine if user is present and automatically reduces monitor brightness when user steps away from the desk, cutting energy costs by up to 80 percent and prolonging monitor life

EPEAT Gold

Philips EPEAT GOLD certified monitors ensure protection for human health and environment, and are highly energy efficient ensuring low emissions of climate changing green house gases. EPEAT program helps purchasers evaluate, compare and select Monitors based on 51 environmental criteria supported by US EPA. GOLD certification ensures that at least 30% of plastic used is Post Consumer Resin, which ensures reduction in use of toxic and hazardous materials. EPEAT Gold is valid only where Philips registers the product. Please visit www.epeat.net for registration status in your country.

PVC-BFR free housing

This Philips monitor housing is free from brominated flame retardant and polyvinyl chloride (PVC-BFR free)

LED technology

White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

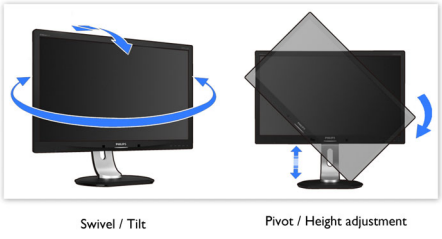
DisplayPort

DisplayPort is a digital link from PC to Monitor without any conversion. With higher capabilities than DVI standard, it is fully capable to support up to 15meter cables and 10.8 Gbps/sec data transfer. With this high performance and zero latency, you get the fastest imaging and refresh rates - making DisplayPort the best choice for not only general office or home use, but also for the demanding gaming and movies, video editing and more. It also keeps interoperability in mind via use of various adapters.

SmartContrast

SmartContrast is a Philips technology that analyzes the contents you are displaying, automatically adjusting colors and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos or when playing games where dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for just-right display of everyday office applications and lower power consumption.

SmartErgoBase

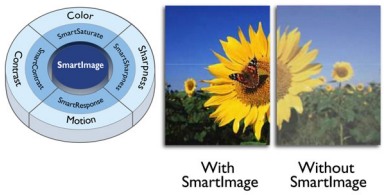


The SmartErgoBase is a monitor base that delivers ergonomic display comfort and provides cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; cable management reduces cable clutter and keeps the workspace neat and professional.

Low bezel-to-table height

The Philips monitor, thanks to its advanced SmartErgoBase, can be lowered down almost to desk level for a comfortable viewing angle. Low bezel-to-table height is the perfect solution if you use bifocals, trifocals or progressive lens glasses for your computing work. Additionally, it allows for users with greatly different heights to use the monitor in their preferred angle and height settings, helping them reduce fatigue and strain.

SmartImage



SmartImage is an exclusive leading edge Philips technology that analyzes the content displayed on your screen and gives you optimized display performance. This user friendly interface allows you to select various modes like Office, Photo, Movie, Game, Economy etc., to fit the application in use. Based on the selection, SmartImage dynamically optimizes the contrast, color saturation and sharpness of images and videos for ultimate display performance. The Economy mode option offers you major power savings. All in real time with the press of a single button!

PowerSensor
epeat GOLD
LED
20,000,000:1 SmartContrast
SmartErgoBase
SmartImage™
SmartControl
TCO CERTIFIED edge
energy ENERGY STAR

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Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 27 inch / 68.6 cm
- Effective viewing area: 597.6 (H) x 336.15 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1920 x 1080 @ 60Hz
- Response time (typical): 5 ms
- Brightness: 300 cd/m²
- Contrast ratio (typical): 1000:1
- SmartContrast: 20,000,000:1
- Pixel pitch: 0.311 x 0.311 mm
- Viewing angle: 170° (H) / 160° (V), @ C/R > 10
- Picture enhancement: SmartImage
- Display colors: 16.7M
- Scanning Frequency: 30 - 83 kHz (H) / 56 - 75 Hz (V)
- sRGB

Connectivity
- Signal Input: DisplayPort, DVI-D (digital, HDCP), VGA (Analog)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: SmartImage, PowerSensor, Brightness, Menu, Power On/Off
- Control software: SmartControl Premium
- OSD Languages: English, French, German, Italian, Portuguese, Russian, Simplified Chinese, Spanish
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 8/7/Vista

Stand
- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/20 degree

Power
- ECO mode: 14 W (typ.)
- On mode: 21.3 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.3 W (typ.)
- Off mode: 0.1 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: 100-240VAC, 50-60Hz, Built-in

Dimensions
- Product with stand(max height): 639 x 580 x 242 mm
- Product with stand(max height): 25.2 x 22.8 x 9.5 inch
- Product without stand in inch: 25.2 x 15.9 x 2.5 inch
- Packaging in mm (WxHxD): 750 x 234 x 490 mm
- Packaging in inch (WxHxD): 29.5 x 9.2 x 19.3 inch
- Product without stand (mm): 639 x 405 x 64 mm

Weight
- Product with stand (kg): 7.50 kg
- Product with stand (lb): 16.50 lb
- Product without stand (kg): 5.10 kg
- Product without stand (lb): 11.22 lb
- Product with packaging (kg): 10.35 kg
- Product with packaging (lb): 22.77 lb

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EnergyStar 6.0, PowerSensor, EPEAT Gold*, RoHS
- Recyclable packaging material: 100 %
- Recycled material: 25%
- Specific Substances: PVC / BFR free housing, Mercury free, Lead free

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, SASO, SEMKO, TCO 6.0, TUV Ergo, TUV/GS, UL/cUL, WEEE

Cabinet
- Front bezel: Black
- Rear cover: Black
- Foot: Black
- Finish: Texture

Issue date 2014-05-07
Version: 1.0.1
12 NC: 8670 001 17062
UPC: 6 09585 24390 3

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